

ORIGINAL

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November 17, 2006

Ms. Blanca S. Bayo, Director
Division of the Commission Clerk and Administrative Services
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee FL 32399-0870

Dear Ms. Bayo:

RE: COMMISSION STAFF'S MINIMUM FILING REQUIREMENTS IN
SUPPORT OF THE MONTHLY FUEL AND PURCHASED POWER COST
RECOVERY CHARGE IN DOCKET NO. 060001-EI

Enclosed are an original and ten copies of Gulf Power Company's Actual Unit Performance Data Schedules and the Actual Unit Outage Data Schedules through October 2006, Retail Cost Recovery Charges for Plant Crist, Plant Smith, and Plant Daniel. These schedules are being sent separate from the monthly filing.

CMP _____ Sincerely,

COM 5

CTR _____

ECR _____

GCL _____

OPC _____

RCA _____ bh

SCR _____ Enclosures

SGA _____

SEC 1 cc w/attachment: Florida Public Service Commission
Sid Matlock

OTH Cover letter

Susan D. Ritenour
bnh

DOCUMENT NUMBER-DATE

10617 NOV 20 06

FPSC-COMMISSION CLERK

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2006 - December 2006

CRIST 4	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1. EAF (%)	93.8	85.2	85.1	100.0	99.7	100.0	98.7	99.0	99.9	30.0			
2. PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0	745.0			
3. SH	698.1	574.6	633.4	719.0	744.0	720.0	744.0	743.0	720.0	223.6			
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
5. UH	45.9	97.4	110.6	0.0	0.0	0.0	0.0	1.0	0.0	521.4			
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	521.4			
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0			
8. MOH	45.9	97.4	110.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
9. PFOH	0.0	5.2	0.0	0.0	15.3	0.0	27.0	18.4	4.0	0.0			
10. LR pf (MW)	0.0	31.0	0.0	0.0	13.0	0.0	28.0	26.7	13.0	0.0			
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
13. NSC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0			
14. Oper MBtu	500638.0	435248.0	494071.0	562126.0	543263.0	565088.0	577091.0	583886.0	521087.0	157547.0			
15. Net Gen (MWH)	47736.0	41511.0	46620.0	53326.0	50608.0	51756.0	52497.0	52023.0	46223.0	14099.0			
16. ANOHR (Btu/KWH)	10488.0	10485.0	10598.0	10541.0	10735.0	10918.0	10993.0	11224.0	11273.0	11174.0			
NOF %	87.7	92.6	94.4	95.1	87.2	92.2	90.5	89.8	82.3	80.8			
NPC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0			
ANOHR Equation	$10^6 / AKW * [498.36 - 12.78 * JAN - 8.72 * FEB]$ $-4347 + 0.10869 * LSRF / AKW$												

FPSC-COMMISSION CLERK

10617 NOV 20 8

DOCUMENT NUMBER DATE

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2006 - December 2006

CRIST 5	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1. EAF (%)	100.0	85.6	86.8	100.0	98.8	95.2	100.0	100.0	100.0	34.0			
2. PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0	745.0			
3. SH	744.0	576.3	645.9	719.0	744.0	685.2	744.0	744.0	720.0	253.5			
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
5. UH	0.0	95.7	98.1	0.0	0.0	34.8	0.0	0.0	0.0	491.5			
6. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	491.5			
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
8. MOH	0.0	95.7	98.1	0.0	0.0	34.8	0.0	0.0	0.0	0.0			
9. PFOH	0.0	7.5	0.0	0.0	38.8	0.0	0.0	0.0	0.0	0.0			
10. LR pf (MW)	0.0	14.0	0.0	0.0	18.1	0.0	0.0	0.0	0.0	0.0			
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
13. NSC (MW)	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0			
14. Oper MBtu	528360.0	410430.0	493170.0	539188.0	528793.0	519735.0	564924.0	571211.0	518910.0	177865.0			
15. Net Gen (MWH)	50081.0	39593.0	46649.0	51618.0	49360.0	47525.0	52109.0	51648.0	45651.0	15938.0			
16. ANOHR (Btu/KWH)	10550.0	10366.0	10572.0	10446.0	10713.0	10936.0	10841.0	11060.0	11367.0	11160.0			
17. NOF %	84.1	85.9	90.3	89.7	82.9	86.7	87.5	86.8	79.3	78.6			
18. NPC (MW)	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0			
19. ANOHR Equation	$10^6 / AKW * [563.97 - 15.45 * JAN - 14.34 * AUG - 16.27 * NOV]$ $-5954 + 0.11802 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2006 - December 2006

CRIST 6	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1. EAF (%)	98.0	95.8	50.6	0.0	52.2	100.0	99.5	95.3	91.3	87.3			
2. PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0	745.0			
3. SH	744.0	644.1	377.8	0.0	388.0	720.0	744.0	709.3	657.9	660.6			
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
5. UH	0.0	27.9	366.2	719.0	356.0	0.0	0.0	34.7	62.1	84.4			
6. POH	0.0	0.0	335.7	719.0	351.7	0.0	0.0	0.0	0.0	0.0			
7. FOH	0.0	0.0	30.5	0.0	4.3	0.0	0.0	34.7	38.6	10.9			
8. MOH	0.0	27.9	0.0	0.0	0.0	0.0	0.0	0.0	23.5	73.5			
9. PFOH	22.9	2.7	8.3	0.0	0.0	0.0	23.8	0.0	2.6	112.0			
10. LR pf (MW)	198.9	8.0	48.0	0.0	0.0	0.0	51.2	0.0	80.8	28.5			
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.0			
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0			
13. NSC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0			
14. Oper MBtu	1935100.0	1821342.0	1082338.0	0.0	958094.0	2180856.0	2250613.0	2143391.0	1874049.0	1853437.0			
15. Net Gen (MWH)	191120.0	176354.0	105121.0	0.0	90624.0	207333.0	214642.0	204960.0	177063.0	179605.0			
16. ANOHR (Btu/KWH)	10125.0	10328.0	10296.0	0.0	10572.0	10519.0	10485.0	10458.0	10584.0	10320.0			
17. NOF %	85.1	90.7	92.1	0.0	77.3	95.4	95.5	95.7	89.1	90.0			
18. NPC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0			
19. ANOHR Equation	$10^6 / AKW * [313.41]$ $+ 9,123$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2006 - December 2006

CRIST 7	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1. EAF (%)	99.9	84.7	93.7	92.5	89.7	91.1	90.5	85.6	95.8	92.3			
2. PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0	745.0			
3. SH	744.0	576.8	716.2	692.6	671.7	661.6	699.0	650.3	720.0	711.2			
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
5. UH	0.0	95.2	27.8	26.4	72.3	58.4	45.0	93.7	0.0	33.8			
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
7. FOH	0.0	4.4	0.0	0.0	0.0	0.0	37.0	0.0	0.0	33.8			
8. MOH	0.0	90.8	27.8	26.4	72.3	58.4	8.0	93.7	0.0	0.0			
9. PFOH	2.6	96.9	162.1	135.7	125.5	73.7	76.8	0.0	5.1	124.8			
10. LR pf (MW)	61.0	36.6	55.1	77.5	15.5	38.9	24.1	0.0	45.4	63.7			
11. PMOH	2.7	0.0	0.0	32.9	0.0	0.0	55.7	262.2	717.9	164.7			
12. LR pm (MW)	70.0	0.0	0.0	77.0	0.0	0.0	187.1	24.6	20.0	20.0			
13. NSC (MW)	477.0	477.0	477.0	477.0	477.0	477.0	477.0	477.0	477.0	477.0			
14. Oper MBtu	3358481.0	2710502.0	3377037.0	3201033.0	3094997.0	3099764.0	3180717.0	3019863.0	3242803.0	3188926.0			
15. Net Gen (MWH)	331585.0	261391.0	320786.0	307437.0	299371.0	293365.0	301002.0	279797.0	306534.0	304180.0			
16. ANOHR (Btu/KWH)	10129.0	10370.0	10527.0	10412.0	10338.0	10566.0	10567.0	10793.0	10579.0	10484.0			
17. NOF %	93.4	95.0	93.9	93.1	93.4	93.0	90.3	90.2	89.3	89.7			
18. NPC (MW)	477.0	477.0	477.0	477.0	477.0	477.0	477.0	477.0	477.0	477.0			
19. ANOHR Equation	$10^6 / AKW * [512.95]$ + 9,084												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2006 - December 2006

SMITH 1	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1. EAF (%)	99.7	99.8	99.0	100.0	86.7	99.9	95.4	99.9	67.5	93.2			
2. PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0	745.0			
3. SH	744.0	672.0	744.0	719.0	647.5	720.0	712.8	744.0	492.4	745.0			
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
5. UH	0.0	0.0	0.0	0.0	96.5	0.0	31.2	0.0	227.6	0.0			
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	227.6	0.0			
8. MOH	0.0	0.0	0.0	0.0	96.5	0.0	31.2	0.0	0.0	0.0			
9. PFOH	3.0	0.4	15.8	0.4	4.9	4.2	7.9	1.0	13.8	193.1			
10. LR pf (MW)	112.0	16.2	44.8	30.0	29.0	31.7	40.0	24.0	78.3	42.4			
11. PMOH	0.0	9.3	15.0	0.0	3.3	0.0	8.0	3.3	0.0	0.0			
12. LR pm (MW)	0.0	26.2	34.7	0.0	61.0	0.0	17.0	40.0	0.0	0.0			
13. NSC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0			
14. Oper MBtu	1156161.0	1071002.0	1178050.0	1133055.0	980635.0	1146708.0	1113499.0	1164983.0	731977.0	1076270.0			
15. Net Gen (MWH)	112215.0	104480.0	115997.0	111425.0	96017.0	109536.0	106617.0	113232.0	70880.0	104653.0			
16. ANOHR (Btu/KWH)	10303.0	10251.0	10156.0	10169.0	10213.0	10469.0	10444.0	10288.0	10327.0	10284.0			
17. NOF %	93.1	96.0	96.2	95.7	91.5	93.9	92.3	93.9	88.9	86.7			
18. NPC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0			
19. ANOHR Equation	$10^6 / AKW * [117.29 - 12.42 * AUG - 14.59 * OCT]$ + 9,462												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2006 - December 2006

	SMITH 2	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1.	EAF (%)	99.5	93.4	99.9	85.6	90.5	99.0	92.2	100.0	67.3	42.8			
2.	PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0	745.0			
3.	SH	744.0	632.2	744.0	615.5	736.5	712.9	744.0	744.0	488.1	318.9			
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
5.	UH	0.0	39.8	0.0	103.5	7.5	7.1	0.0	0.0	231.9	426.1			
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	426.1			
7.	FOH	0.0	0.0	0.0	0.0	7.5	7.1	0.0	0.0	207.9	0.0			
8.	MOH	0.0	39.8	0.0	103.5	0.0	0.0	0.0	0.0	0.0	0.0			
9.	PFOH	13.8	10.3	1.5	2.3	224.6	0.4	170.8	2.9	12.3	0.0			
10.	LR pf (MW)	56.3	28.9	51.7	17.0	54.7	19.0	64.0	22.6	56.2	0.0			
11.	PMOH	0.0	32.0	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0			
12.	LR pm (MW)	0.0	17.0	0.0	0.0	0.0	0.0	64.0	0.0	0.0	0.0			
13.	NSC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0			
14.	Oper MBtu	1374650.0	1195460.0	1437852.0	1157850.0	1225828.0	1314703.0	1292575.0	1368768.0	863866.0	586388.0			
15.	Net Gen (MWH)	132283.0	115412.0	139483.0	111477.0	119292.0	125891.0	123272.0	132121.0	83544.0	57323.0			
16.	ANOHR (Btu/KWH)	10392.0	10358.0	10308.0	10386.0	10276.0	10443.0	10486.0	10360.0	10340.0	10230.0			
17.	NOF %	91.2	93.6	96.1	92.9	83.1	90.6	85.0	91.1	87.8	92.2			
18.	NPC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0			
19.	ANOHR Equation	$10^6 / AKW * [105.64 - 75.81 * MAR + 46.86 * APR]$ $+ 9,669$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2006 - December 2006

DANIEL 1	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1. EAF (%)	98.5	99.3	99.5	81.4	99.9	99.3	99.3	98.6	100.0	95.5			
2. PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0	745.0			
3. SH	744.0	672.0	744.0	590.0	744.0	720.0	744.0	734.9	720.0	727.0			
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
5. UH	0.0	0.0	0.0	129.0	0.0	0.0	0.0	9.1	0.0	18.0			
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.1	0.0	18.0			
8. MOH	0.0	0.0	0.0	129.0	0.0	0.0	0.0	0.0	0.0	0.0			
9. PFOH	11.4	31.7	8.9	8.4	8.6	20.9	34.8	8.2	0.3	9.5			
10. LR pf (MW)	319.2	55.9	175.9	206.8	47.5	100.2	61.6	81.1	174.0	329.0			
11. PMOH	9.3	4.6	3.0	2.4	0.0	6.5	9.6	0.0	0.0	20.9			
12. LR pm (MW)	208.5	126.1	134.0	245.8	0.0	87.0	57.3	0.0	0.0	227.2			
13. NSC (MW)	514.0	514.0	514.0	514.0	514.0	514.0	514.0	514.0	514.0	514.0			
14. Oper MBtu	3337191.0	3355757.0	3595471.0	2699979.0	3266166.0	3478655.0	3653184.0	3639416.0	3620059.0	3531865.0			
15. Net Gen (MWH)	328710.0	330423.0	358773.0	266568.0	320440.0	341250.0	367717.0	360851.0	356414.0	348896.0			
16. ANOHR (Btu/KWH)	10152.0	10156.0	10022.0	10129.0	10193.0	10194.0	9935.0	10086.0	10157.0	10123.0			
17. NOF %	86.0	95.7	93.8	87.9	83.8	92.2	96.2	95.5	96.3	93.4			
18. NPC (MW)	514.0	514.0	514.0	514.0	514.0	514.0	514.0	514.0	514.0	514.0			
19. ANOHR Equation	$10^6 / AKW * [2810.38 + 68.52 * APR - 58.18 * MAY - 90.02 * AUG]$ $+ 2,265 + 10^6 / AKW * [-0.1179 * BTU/LB] + 0.00953 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2006 - December 2006

DANIEL 2	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1. EAF (%)	99.6	98.5	38.4	0.6	70.7	98.5	99.8	100.0	99.9	97.7			
2. PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0	745.0			
3. SH	744.0	672.0	287.5	4.3	534.4	716.1	744.0	744.0	720.0	740.3			
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
5. UH	0.0	0.0	456.5	714.7	209.6	3.9	0.0	0.0	0.0	4.7			
6. POH	0.0	0.0	456.5	659.8	0.0	0.0	0.0	0.0	0.0	0.0			
7. FOH	0.0	0.0	0.0	54.9	209.6	3.9	0.0	0.0	0.0	4.7			
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
9. PFOH	34.9	88.1	24.0	0.0	41.0	27.6	6.6	4.7	1.9	18.2			
10. LR pf (MW)	12.5	58.5	33.6	0.0	106.5	125.1	84.4	20.9	172.9	238.0			
11. PMOH	14.5	3.9	0.0	0.0	0.0	0.0	2.8	0.0	0.0	8.6			
12. LR pm (MW)	78.0	7.0	0.0	0.0	0.0	0.0	88.1	0.0	0.0	219.0			
13. NSC (MW)	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0			
14. Oper MBtu	3359842.0	3255022.0	1301415.0	59745.0	2213104.0	3210758.0	3463296.0	3520637.0	3133172.0	3365068.0			
15. Net Gen (MWH)	332654.0	324547.0	137642.0	529.0	226785.0	325586.0	342529.0	347441.0	304202.0	330743.0			
16. ANOHR (Btu/KWH)	10100.0	10029.0	9455.0	112940.0	9759.0	9861.0	10111.0	10133.0	10300.0	10174.0			
17. NOF %	89.4	96.6	95.8	24.6	84.9	90.9	92.1	93.4	84.5	89.4			
18. NPC (MW)	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0			
19. ANOHR Equation	$10^6 / AKW * [2174.94 + 62.25 * JUN + 85.53 * JUL - 82.98 * AUG + 86.31 * OCT]$ $+ 8,739 + 10^6 / AKW * [-0.1460 * BTU/LB]$												

ACTUAL UNIT OUTAGE DATA

GULF POWER COMPANY

October, 2006

Crist 7

DATE	OUTAGE		(MW) AFFECTED	DESCRIPTION
	TYPE *	HOURS		
09/30	PMO	164.7	20.0	Induced Draft Fan Problem
10/02	FFO	3.7	477.0	Igniter Problem
10/02	FFO	30.1	477.0	Boiler Tube Leak
10/16	PFO	31.7	90.0	Pulverizer Feeder Problem
10/18	PFO	15.1	100.0	Pulverizer Problem
10/18	PFO	14.3	100.0	Pulverizer Fuel And Air Piping
10/19	PFO	16.3	32.0	Hot Well
10/20	PFO	22.4	17.0	Hot Well
10/22	PFO	5.7	22.0	Hot Well
10/27	PFO	2.7	32.0	Hot Well
10/29	PFO	10.0	51.0	Pulverizer Problem
10/31	PFO	6.8	80.0	Pulverizer Mill Problem

- * FFO - Full Forced Outage
- PFO - Partial Forced Outage
- FMO - Full Maintenance Outage
- PMO - Partial Maintenance Outage
- PO - Planned Outage

